| Issue | Classification |  |
|-------|----------------|--|
|       |                |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/787,120              | TANAKA ET AL.                           |  |
| Examiner                | Art Unit                                |  |
| Chuong A. Luu           | 2818                                    |  |

|                                     |   |   |                  |       | IS    | SUE C                             | LASSIF          | ICATIO     | N                        |                    |  |  |  |  |  |  |
|-------------------------------------|---|---|------------------|-------|-------|-----------------------------------|-----------------|------------|--------------------------|--------------------|--|--|--|--|--|--|
|                                     |   |   | ORI              | GINAL |       | CROSS REFERENCE(S)                |                 |            |                          |                    |  |  |  |  |  |  |
| CLASS SUBCLASS                      |   |   |                  |       | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |                 |            |                          |                    |  |  |  |  |  |  |
| 438 487                             |   |   | 438              | 53    | 795   | 166                               |                 |            |                          |                    |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION        |   |   | L CLASSIFICATION |       |       |                                   |                 |            |                          |                    |  |  |  |  |  |  |
| Н                                   | 0 | 1 | L                | 21/00 |       |                                   |                 |            |                          |                    |  |  |  |  |  |  |
| Н                                   | 0 | 1 | L                | 21/84 |       |                                   |                 |            |                          |                    |  |  |  |  |  |  |
| н                                   | 0 | 1 | L                | 21/20 |       |                                   |                 |            |                          |                    |  |  |  |  |  |  |
| Н                                   | 0 | 1 | L                | 21/36 |       |                                   |                 |            |                          |                    |  |  |  |  |  |  |
| Н                                   | 0 | 1 | L                | 21/26 |       |                                   |                 |            |                          |                    |  |  |  |  |  |  |
| (Assistant Examiner) (Date)         |   |   |                  |       | e)    | C                                 | fr              | hh         | Total Claims Allowed: 16 |                    |  |  |  |  |  |  |
| G. Starly 9-18-17                   |   |   |                  |       |       |                                   | g Ånh Luu       | ı Sept. 13 | O.<br>Print C            | O.G.<br>Print Fig. |  |  |  |  |  |  |
| (Legal Instruments Examiner) (Date) |   |   |                  |       |       | (Pr                               | rimary Examiner | ) (Dat     |                          | 2                  |  |  |  |  |  |  |

| С     | Claims renumbered in the same order as presented by applicant |      |       |          |     |       |          |   |       |          |   | □СРА  |          |  | ☐ T.D. |          |  | ☐ R.1.47 |          |  |
|-------|---|------|-------|----------|-----|-------|----------|---|-------|----------|---|-------|----------|--|--------|----------|--|----------|----------|--|
| Final | Original  |      | Final | Original |     | Final | Original |   | Final | Original |   | Final | Original |  | Final  | Original |  | Final    | Original |  |
|       | 1   |      |       | 31       |     |       | 61       | 1 |       | 91       |   |       | 121      |  |        | 151      |  |          | 181      |  |
|       | 2   |      |       | 32       |     |       | 62       | 1 |       | 92       |   |       | 122      |  |        | 152      |  |          | 182      |  |
|       | 3   |      |       | 33       |     |       | 63_      | ] |       | 93       |   |       | 123      |  |        | 153      |  |          | 183      |  |
|       | 4   |      |       | 34       |     |       | 64       | ] |       | 94       |   |       | 124      |  |        | 154      |  |          | 184      |  |
|       | 5   |      |       | 35       |     |       | 65       | ] |       | 95       |   |       | 125      |  |        | 155      |  |          | 185      |  |
|       | 6   |      |       | 36       |     |       | 66       |   |       | 96       |   |       | 126      |  |        | 156      |  |          | 186      |  |
| 1     | 7   |      |       | 37       |     |       | 67       |   |       | 97       |   |       | 127      |  |        | 157      |  |          | 187      |  |
| 2     | 8   |      |       | 38       |     |       | 68       |   |       | 98       |   |       | 128      |  |        | 158      |  |          | 188      |  |
|       | 9   | - 10 |       | 39       |     |       | 69       |   |       | 99\      | 1 |       | 129      |  |        | 159      |  |          | 189      |  |
| 3     | 10  | 0    |       | 40       |     |       | 70       |   |       | 100      |   |       | 130      |  |        | 160      |  | F        | 190      |  |
| 4     | 11  |      |       | 41       |     |       | 71       |   |       | 101      |   |       | 131      |  |        | 161      |  |          | 191      |  |
| 5     | 12  |      |       | 42       |     |       | 72       |   |       | 102      |   |       | 132      |  |        | 162      |  |          | 192      |  |
| 6     | 13  | l    |       | 43       |     |       | 73       |   |       | 103      |   |       | 133      |  |        | 163      |  |          | 193      |  |
|       | 14  |      |       | 44       |     |       | 74       |   |       | 104      |   |       | 134      |  |        | 164      |  |          | 194      |  |
| 7     | 15  | Ì    |       | 45       |     |       | 75       |   |       | 105      |   |       | 135      |  |        | 165      |  |          | 195      |  |
| 8     | 16  |      |       | 46       |     |       | 76       |   |       | 106      |   |       | 136      |  |        | 166      |  |          | 196      |  |
| 9     | 17  |      |       | 47       |     |       | 77       | ] |       | 107      |   |       | 137      |  |        | 167      |  |          | 197      |  |
| 10    | 18  |      |       | 48       |     |       | 78       | ] |       | 108      |   |       | 138      |  |        | 168      |  |          | 198      |  |
| 11    | 19  | i i  |       | 49       |     |       | 79       | ] |       | 109      |   |       | 139      |  |        | 169      |  |          | 199      |  |
| 12    | 20  |      |       | 50       | '   |       | 80       | ] |       | 110      |   |       | 140      |  |        | 170      |  |          | 200      |  |
| 13    | 21  | 1    |       | 51       | ] . |       | 81       |   |       | 111      |   |       | 141      |  |        | 171      |  |          | 201      |  |
| 14    | 22  |      |       | 52       |     |       | 82       | ] |       | 112      |   |       | 142      |  |        | 172      |  |          | 202      |  |
| 15    | 23  |      |       | 53       |     |       | 83       | ] |       | 113      |   |       | 143      |  |        | 173      |  |          | 203      |  |
| 16    | 24  |      |       | 54       |     |       | 84       |   |       | 114      |   |       | 144      |  |        | 174      |  |          | 204      |  |
|       | 25  |      |       | 55       |     |       | 85       |   |       | 115      |   |       | 145      |  |        | 175      |  |          | 205      |  |
|       | 26  |      |       | 56       |     |       | 86       |   |       | 116      |   |       | 146      |  |        | 176      |  |          | 206      |  |
|       | 27  |      |       | 57       |     | ,     | 87       | ] | ļ     | 117      |   |       | 147      |  |        | 177      |  |          | 207      |  |
|       | 28  |      |       | 58       |     |       | 88       | ] |       | 118      |   |       | 148      |  |        | 178      |  |          | 208      |  |
|       | 29  |      |       | 59       | [   |       | 89       |   |       | 119      |   |       | 149      |  |        | 179      |  | <u></u>  | 209      |  |
|       | 30  |      |       | 60       |     |       | 90       |   |       | 120      |   |       | 150      |  |        | 180      |  |          | 210      |  |